

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

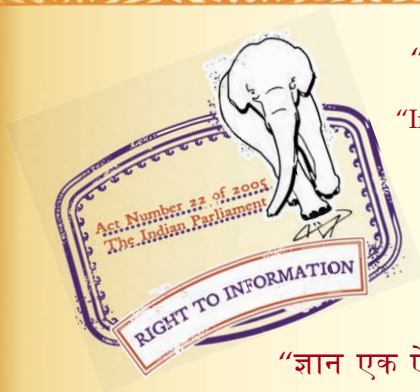
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 9983 (1981): Wire Vectis and Lens Expressor, Eye [MHD 5: Ophthalmic Instruments and Appliances]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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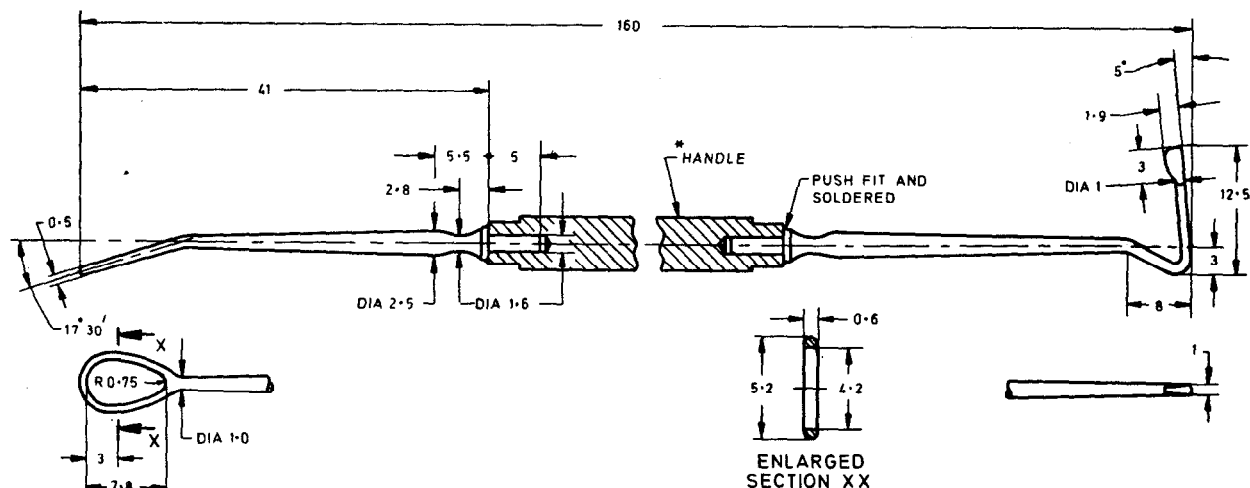
Indian Standard

(Reaffirmed 1997)

SPECIFICATION FOR WIRE VECTIS AND LENS EXPRESSOR, EYE

1. Scope — Dimensional and other requirements for wire vectis and lens expressor used in eye surgery.

2. Shape and Dimensions — As shown in Fig. 1.



*Conforming to type H₁ (double ended) of IS : 7783-1981 General requirements for handles, instruments, eye surgery

All dimensions in millimetres.

FIG. 1 WIRE VECTIS AND LENS EXPRESSOR

2.1 A deviation of ± 2.5 percent shall be allowed on all dimensions.

3. Material

3.1 Working Ends — Shall be made of stainless steel conforming to Designation 30Cr 13 of IS : 6603 - 1972 'Specification for stainless steel bars and flats'.

3.2 Handle — Conforming to 4 of IS : 7783 - 1981 'General requirements for handles, instruments, eye surgery'.

4. Workmanship and Finish

4.1 The instrument shall be free from burrs, pits, cracks and other surface defects.

4.2 The edges shall be even and rounded.

4.3 The soldering of the shank to the handle shall be neat and sound.

4.4 The working ends shall be polished bright and passivated.

5. Heat Treatment — The working ends shall be uniformly hardened and tempered to give a hardness of 430 to 490 HV.

6. Corrosion Resistance Test — The instrument shall satisfy the boiling and autoclaving test as specified in IS : 7531 - 1975 'Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'.

7. Marking — Each instrument shall be legibly and indelibly marked with the manufacturer's name, initials or recognized trade-mark.

7.1 ISI Certification Marking — Details available with the Indian Standards Institution.

8. Packing — As agreed to between the purchaser and the supplier.

Adopted 9 November 1981

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ISI

INDIAN STANDARDS INSTITUTION
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

AMENDMENT NO. 1 AUGUST 1992
TO
IS 9983 : 1981 SPECIFICATION FOR WIRE VECTIS
AND LENS EXPRESSOR, EYE

(Page 1, clause 6) — Substitute 'IS 7531 : 1990 Surgical instruments — Corrosion resistance of stainless steel surgical instruments — Methods of tests' for 'IS 7531 : 1975 Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'.

(MHD 5)

Reprography Unit, BIS, New Delhi, India